MAG-USDA Screwworm Eradication Program
El Salvador

INDEX

Agenda ---------- Tab A

Work Plan ---------- Tab B

Participants ---------- Tab C

Profiles ---------- Tab D

MAG-USDA Cooperative Screwworm Eradication Program
El Salvador

Place: San Salvador, El Salvador

Date: Tuesday, November 19, 1991

U.S. Senior Review Group (SRG) Members and other U.S. participants arriving at Ilopango International Airport, San Salvador, El Salvador, at approximately 10:15 a.m. from Tegucigalpa, Honduras, via USDA contract aircraft.

1. Program Inauguration

   Place: Dispersion Center, Ilopango International Airport

   Time: 10:30a.m. - 12:15 p.m.

   a. Press Conference

      Ing. Antonio Cabrales, Minister of Agriculture and Livestock, El Salvador

      Amb. William G. Walker, U.S. Ambassador, El Salvador

      Mrs. Jo Ann R. Smith, Assistant Secretary, U.S. Department of Agriculture

   b. National Anthems of El Salvador and the United States

   c. Inspection of Dispersal Facility Installations

   d. Dispersal Flight

   e. Transport to Camino Real Hotel

2. Lunch

   Place: Camino Real Hotel

   Time: 1:00 p.m. - 2:30 p.m.

   Senior Review Group Members and Special Invitees
   (Approximately 20 People)

3. Free Time

   Time: 2:30 p.m. - 3:30 p.m.

4. Senior Review Group Meeting

Place: Camino Real Hotel

Time: 3:30 p.m. - 5:00 p.m.

a. Welcome

Ing. Antonio Cabrales, Minister of Agriculture and Livestock, El Salvador

Amb. William G. Walker, U.S. Ambassador, El Salvador

Mrs. Jo Ann R. Smith, Assistant Secretary, U.S. Department of Agriculture

b. Program Activity Reports

c. Mexico-U.S. Commission Report

d. 1991 Budget Report and Signing Revised Budget

e. 1992 Budget, Work Plan, and Personnel Staffing Levels Approval and Signing.

f. Comments and Discussion

g. Other Business

h. Time and Place of Next SRG Meeting

5. Free Time

Time: 5:00 p.m. - 7:00 p.m.

6. Reception (Approximately 100 People)

Place: Camino Real Hotel

Time: 7:00 p.m. - 9:00 p. m.

a. Program Presentation

b. Comments by Amb. William G. Walker, U.S. Ambassador, El Salvador

c. Comments by Mrs. Jo Ann R. Smith, Assistant Secretary of Agriculture for Marketing and Inspection Services, United States of America

d. Comments by Ing. Antonio Cabrales, Minister of Agriculture and Livestock, El Salvador

MAG - USDA COOPERATIVE PROGRAM
FOR THE ERADICATION OF SCREWWORMS
EL SALVADOR

WORK PLANS 1991

I. OBJECTIVE

The objective of the MAG-USDA Cooperative Program for the Eradication of Screwworms (Program) is to eradicate screwworms from the Republic of El Salvador, thereby improving the productivity of the national livestock industry, and continue to extend the screwworm free zone through Central America and thereby providing additional protection to the United States, Mexico, Belize and Guatemala livestock industry from reinfestation of screwworms.

II. FIELD OPERATIONS

A. GOALS

During 1991, Field Operation's goal is to initiate field activities throughout the Republic of El Salvador to determine the prevalence of screwworm infestation and promote participation by the livestock owning public in the eradication program.

B. WORK PLAN

1. An inspection system will be established whereby farms, livestock collection sites, government officials, livestock industry associations etc. are visited approximately every three weeks by Program Field Inspectors. The Republic is divided into 4 regions and 14 sectors; activities in each region are under the supervision of a Regional Chief who is under the general direction of the Chief of Field Operations. Regular work routes will be established for each sector; sample collection kits will be distributed as well as Coumaphos wound treatment powder and Program information and promotional material. The prevalence of screwworm infestation will be based on the number of larva samples submitted by livestock owners and interviews conducted by Field Inspectors. Data will be complied by the Program Epidemiologist to determine incidence and provide recommendations to the Directors through the Chief of Field Operations. Field personnel will be assigned a vehicle and a revolving fund to cover per diems and expenses.

2. Public information campaigns will be designed by the Information Specialist under the direction of the Program Directors. These campaigns will be aimed at informing the general public about the eradication program and will

encourage the livestock owners to participate in the eradication program by: 1) submission of larva samples, 2) reduction of susceptible wounds through improved husbandry practices, 3) treatment of susceptible wounds with an approved topical insecticide preparation, and 4) commercial trade and movement of non-infested animals. All available means of communication will be used including printed material, promotional articles, mass media such as radio, television, newspapers, and livestock trade publications. An Information Delegate will be assigned to each region under the supervision of the Regional Chief, will carry out information activities such as seminars, training sessions, and local arrangements related to information campaigns. Periodic reviews and guidance will be provided by USDA Public Information Specialist located in Guatemala City.

3. Activities related to future requirements for control of animal movement will be carried out by the Quarantine Specialist under the general direction of the Chief of Field Operations. Studies will be conducted regarding traditional patterns of internal and international movement of livestock, recommendations to control this movement will be submitted to the Program Directors by the 1st quarter of the next calendar year.

4. All larva samples will be submitted to the Program Identification Center at the Central Office. Samples will be sent by the most rapid and practical means, usually by public transportation such as bus lines. The National Identifier, under the supervision of the Chief of Field Operations, will maintain an up to date and comprehensive record of samples submitted. The average number of days from the date of collection to the date of identification will not exceed 21 days.

III. STERILE FLY DISPERSAL

A. GOALS

During 1991, the goal is to initiate the dispersal of sterile flies throughout the entire Republic of El Salvador during the last quarter of the year. Reduction of the incidence of screwworm infestation in El Salvador is not expected during this year but significant reductions should occur during the first semester of 1992.

B. WORK PLANS

1. The chilled fly technique will be employed with approximately 20-24 million flies to be dispersed weekly. A chilled fly dispersal center will be located at a rented site at the Ilopango International airport. A

prefabricated emergence facility for this purpose will be purchased from a private company, Environtronics Inc., under a performance contract with the USDA and erected by an El Salvador company under the supervision of the USDA contractor. Facility maintenance will be provided by an El Salvador company under contract with the Program.

2. Approximately 10-12 million pupae will be transported twice weekly from the production plant in Tuxtla Gutierrez, Chiapas, Mexico. Transportation will be provided by a private company, Air Sal Leasing, Inc., under contract to the USDA. Transportation will be under the supervision of the USDA Chief of Air Operations located at Tuxtla Gutierrez, Mexico.

3. Sterile flies will be collected 4 days per week from the emergence facility by Program personnel under the direct supervision of the Emergence Facility Supervisor who is under the general direction of the Chief of Dispersion. Periodic reviews and guidance regarding emergence and collection procedures will be provided by the USDA Entomological Advisor located in Mexico City, Mexico.

4. Chilled sterile flies will be loaded into specially equipped Beechcraft A-90 aircraft for dispersal over regular dispersal grids. Flies will be released at an approximate rate of 3,000 per square mile, but the exact number will be subject to specific instructions by the Program Directors. Program authorities will be responsible for obtaining all appropriate operating permits. Pilots and dispersers will be provided by the contractor, operations will be carried out by Program personnel under the direct supervision of the Dispersal Operations Supervisor who is under the general direction of the Chief of Dispersion. Periodic reviews and guidance regarding dispersal programming will be provided by the USDA International Dispersal Coordinator located in Tuxtla Gutierrez, Mexico.

5. The aerial dispersal contractor will be under the supervision of the USDA Contracting Officer's Representative (COR) located in Mexico City. The Program Chief of Dispersion will be the COR's Technical Representative (COTR) and will be responsible for reporting any discrepancies in aerial dispersal services provided by the contractor to the COR through the Program Directors. The USDA Chief of Air Operations will carry out routine reviews of services provided by the contractor including invoices for services rendered and "chase flights" insuring adherence to established dispersal procedures.

6. Quality control tests of sterile fly emergence and collection procedures will be routinely carried out.

Established emergence and collection tests will be conducted by Program personnel under the direct supervision of the Chief of Quality Control. Periodic reviews and guidance will be provided by the USDA Entomological Advisor located in Mexico City, Mexico.

7. Field evaluations of the effectiveness of the sterile fly will be routinely carried out. Monitoring devices such as fly traps and sentinel animals will be strategically located and will be operated by Program personnel under the direct supervision of the Field Evaluations Supervisor who is under the general direction of the Chief of Quality Control. Field evaluations of new production strain candidates or modifications to dispersal procedures may also be carried out. Periodic reviews and guidance will be provided by the USDA Entomological Advisor located in Mexico City, Mexico.

IV. ADMINISTRATION

A. GOALS

1. An administrative system accounting for funds provided by the Government of El Salvador will be established according to guidelines provided by the Government of El Salvador and will report to the Technical Secretariat for External Funding (SETEFE).

2. An administrative system accounting for funds provided by USDA will be established according to USDA guidelines and will report to APHIS, International Services, Region V.

3. A personnel roster will be prepared and submitted to the Senior Review. Salary/benefits schedule will be established according to rates approved by the Senior Review Group.

4. A global operating budget will be prepared and submitted to the Senior Review Group.

5. A computer system will be installed in the Central Office in both administrative and technical areas.

PARTICIPANTS - EL SALVADOR

MAG-USDA Cooperative Screwworm Eradication Program
Senior Review Group Meeting

San Salvador, El Salvador
November 19, 1991

U.S. Senior Review Group Members

Mrs. Jo Ann R. Smith
Assistant Secretary
Marketing and Inspection Services,
USDA

Mr. Robert B. Melland *
Acting Administrator
Animal and Plant Health
Inspection Service, USDA

Dr. Alejandro B. Thiermann
Deputy Administrator
International Services, APHIS, USDA

Dr. John H. Wyss
Regional Director
Region 5, Screwworm Program,
IS, APHIS, USDA

Dr. Steve Smith
USDA Program Director
MAG-USDA Cooperative Screwworm
Eradication Program

Comite Consultivo

Ing. Antonio Cabrales
Minister, Ministry of
Agriculture and Livestock

Ing. Roberto Sorto Fletes
Director, SETEFE

Lic. Roberto Inclan
President, PROLECHE

Lic. Enzo Giammattei
Presidente, Swine Producers
Association

Dr. Miguel Angel Reyes Knoke
MAG Program Director
MAG-USDA Cooperative Screwworm
Eradication Program

Invited Participants

Dr. Floyd P. Horn
Director
Southern Plains Area, Agricultural Research Service, USDA

Dr. Jose' M. Irastorza
Director General
Mexico-U.S. Commission for the Eradication of Screwworms

Mr. John B. Jacobs
Agricultural Attache
Guatemala, Belize, Honduras, and El Salvador
Foreign Agricultural Service, USDA

Dr. John Golden
Associate General Counsel
Regulatory and Marketing
Office of General Counsel, USDA

Dr. Thomas J. Galvin
Associate Regional Director
Region 5, Screwworm Program, IS, APHIS, USDA

Mr. John S. Nichols
Assistant to Regional Director for
Management and Budget, Region 5, IS, APHIS, USDA

Dr. Edward Gersabeck
Senior Entomologist
Operations Support Staff, IS, APHIS, USDA

Mr. Edwin Ketchum
President
Southwest Animal Health Research Foundation

* Will not be attending

BIOGRAPHY

DOCTOR MIGUEL ANGEL REYES KNOKE

MAG Program Director

A) Veterinary Officer
Animal Health Division
Ministry of Agriculture and Livestock 1975-1976

B) Veterinary Investigation Officer
Investigation Division
Ministry of Agriculture and Livestock, El Salvador
January 1977 to October 1984

C) Part-time Private Practice in Bovine Medicine
and Surgery, January 1975 to October 1984

D) Avian Pathologist
Avicola Montserrat S.A., El Salvador
November 1984 to April 1988

E) Laboratory Chief and director of Veterinary Services
Diagnostics Clinicos Veterinarios S.A. de C.V.
May 1988 to May 1989

F) Private Practice in Medicine and Surgery, May, 1989

BIOGRAPHY

ANTONIO CABRALES

Minister of Agriculture and Livestock

Boulevard Hipodromo 686
San Benito
San Salvador, El Salvador

83 Avenida Norte y
13 Calle Pte. # 801
San Salvador, El Salvador

EDUCATION

Delaware Valley College of Science and Agriculture, especializacion Zootecnia, 1959. Pennsylvania.

Problems de Reproduccion de Leche en los Tropicos
Universidad de Florida, Gainesville, Fla.

Graham School, Kansas, Mis. Problemas de Reproduccion del Ganado Lechero.

Sistemas de produccion de leche y carne en llolanda, Suecia, Dinamarca, Escocia, Alemania.

EXPERIENCIA DE TRABAJO

Profesor Escuela Nacional de Agricultura, 1959-1961
Ministerio de Agricultura y Ganderia, Sub-Director de Ganaderia, 1961-64
Sub-Secretario de Agricultura y Ganaderia, 1973
Manejo de Empresa Ganadera "Santa Bearriz y Compania", 1974-76
Administracion de Empresas de Cafe, Enrique Alvarez y Cia., 1976-1978
Presidente de Cabrales Meza, S.A., 1976-1980. Importacion de Equipo Ganadero.
Presidente de Antonio Cabrales y Cia. "Hacienda Tecpan", Lecheria de 350 cabezas de ganado Holstein, 1979-1989. En las exposiciones centroamericanas ha ganado "Mejoe Expositor y Mejor Criador" de la raza Holstein, en Honduras, Guatemala y El Salvador.
Gerente General de Empresas Cafetaleras "LLnoco y Cia.", 1979-89
Ministro de Agricultura y Ganaderia, 1 de junio de 1989 a la fecha.

ACTIVIDADES

Director de Parcelaciones Rurales
Director de "La Centroamericana, S.A."
Director de Quality Foods de Centro America
Presidente de Pro-Leche (Sociedad de Productores de Leche)
Director de la Feria Internacional
Director de la Fundacion Salvadorena para el Desarrollo Economico y Social (FUSADES).
Director de la Fundacion Salvadorena-Americana (FUSAM)
Ex-miembro de la Federacion Salvadorena de Basket-Ball
Ex-Presidente de la Federacion Salvadorena de Tenis
Ha sido Juez en Exposicione Ganaderas en El Salvador y Honduras
Presidente de Teopan, S.A.
Presidente de la Fundacion Ecologica Salvadorena
Presidente del Comite Internacional Regional de Sanidad Agropecuaria 1991/92

CURRICULUM VITAE

JOSE ROBERTO INCLAN ROBREDO

Place and date of birth:	Sonsonate, July 2, 2950
Age:	41 years old
Nationality:	Salvadoreño
Address:	Rafael Campus Av. 1-4 Sonsonate
Telephone No.:	51-1665
Status:	Married
Social Security:	6-1-037804

EDUCATION

- A courso on Tropical Livestock - University of Florida, Gainsville, Florida, 1985
- First Seminar on boarding, handling, and feeding of dairy cattle - Association of Milk Producers from El Salvador and Winrock International
- First Central American Congress on Milk, Guatemala, July 1989
- Seminar about the Animal and Plant Sectorial Strategy in El Salvador - IICA, September 12 and 13, 1991

WORK EXPERIENCE

- Owner/Director of the Livestock Cooperative of Sonsonate of R.L. "La Salud" from March of 1989 to March of 1990

- President of the Association of Milk Producers of El Salvador

- Present Director of the Board of Administrators of the San Jose de la Malada Cooperative Coffee Plantation

- Founder member and current Director of the Cooperative of Milk Producers of R.L.

CURRICULUM VITAE

MR. ENZO GIAMMATTEI RISSO

ADDRESS: Agricola El Triunfo, S.A. de C.V.
La Sultana Ave. and Mediterraneo St.
Condominio Colonial Local No. 115
Urbanizacion La Sullana
Antiguo Caucatlan

EDUCATION: Master's Degree in Economics
University of Miami

PRESENT POSITION: President of PROLECHE

PAST WORK EXPERIENCE

- In charge of the Balance of Payments Section, Department of Investigations
- Economics of the Central Bank of Reserves of El Salvador
- Administrator of Marketing in Industries UNISOLA S.A.
- Vice-President of the Union of Cooperatives of R.L.

PRESENT RESPONSIBILITIES

President	-	Agricola El Triunfo S.A. of C.V.
President	-	Americana University
President	-	Copoperative of Porcinocultores of .L.
President	-	Agroindustrial Coop. of Coffee producers TECANA of R.L.
Treasurer	-	Fundation PROCAFE
Director	-	Screwworm eradication program
Governor	-	Agricultural Development Bank